

FIG. 1

MASTERSHIP CIRCUITY

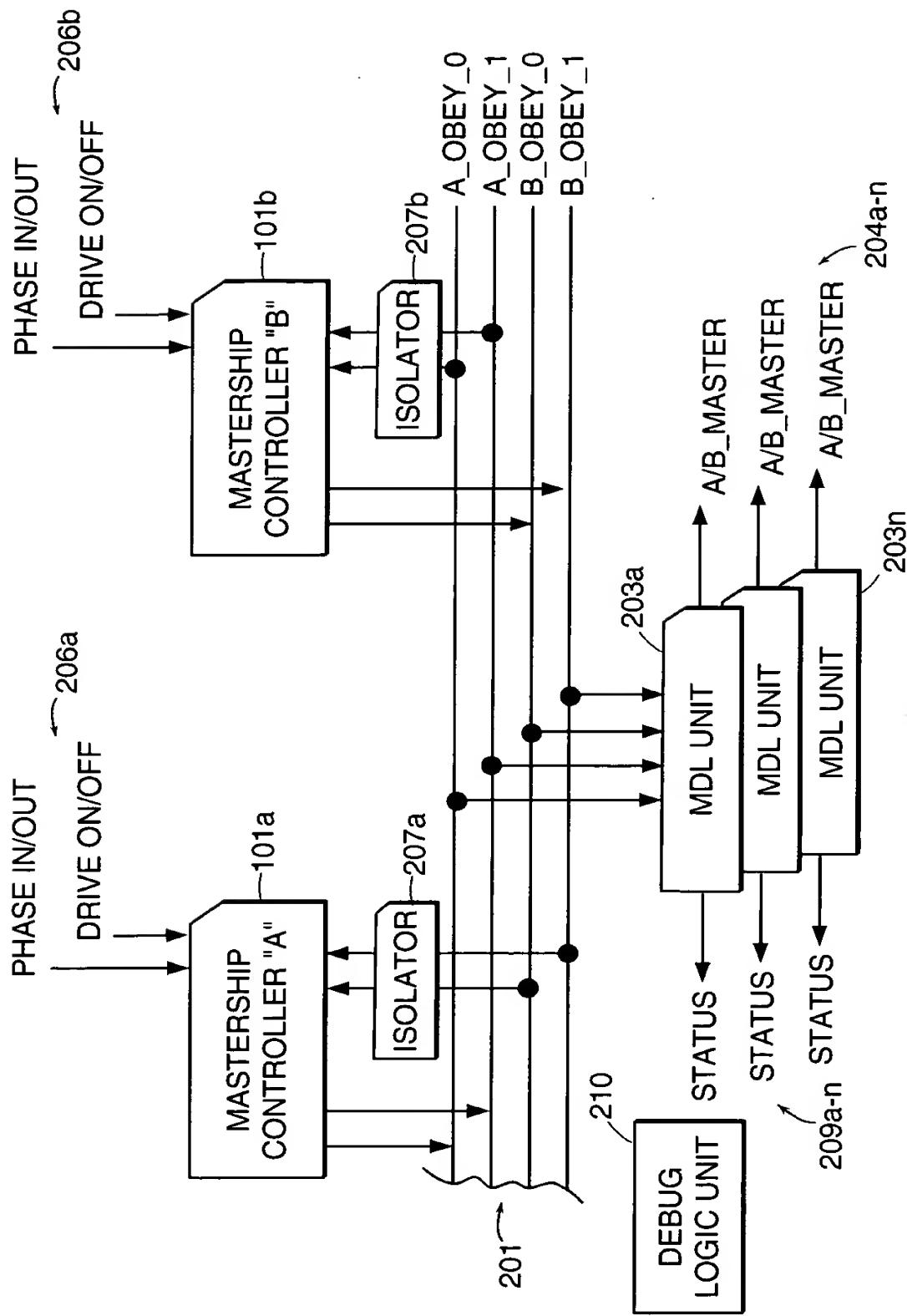


FIG. 2

MASTERSHIP DETERMINATION RULES WITH CLOCKED MASTERSHIP LINES

A-OBEY	B-OBEY	PHASE	CONTROLLER DETERMINED TO BE WORKING	COMMENTS
NONE	NONE	N/A	A	ABNORMAL CONDITION, INCLUDED FOR COMPLETENESS NORMALLY ONE CONTROLLER SHOULD WANT TO BE MASTER
CLOCKING	NONE	N/A	A	CONTROLLER_B ABSENT, FAULTED OR DOESN'T WANT TO BE MASTER
NONE	CLOCKING	N/A	B	AS ABOVE, BUT FOR CONTROLLER_A
CLOCKING	CLOCKING	IN	A	BOTH CONTROLLERS ARE FUNCTIONING CORRECTLY AND A IS DETERMINED AS THE MASTER CONTROLLER
CLOCKING	CLOCKING	OUT	B	BOTH CONTROLLERS ARE FUNCTIONING CORRECTLY AND B IS DETERMINED AS THE MASTER CONTROLLER

FIG. 3